



Hydrogen fuel storage systems

OUR PURPOSE

Driving energy transformation

FOR A BETTER FUTURE

Composite storage meets the demanding requirements

The hydrogen fuel cell electric truck and transit bus markets are developing at a rapid pace, signaling that hydrogen will play a vital role in the zero-emission mobility future. Heavy-duty vehicles are particularly suitable for fuel cell drives given

their weight and the long distances to bridge. Our product portfolio includes specific cylinders and systems that meet the requirements of various market segments.

Hydrogen and fuel cell technology are ideal for the substitution of air-polluting engines used in all means of transport, like motor vehicles, ships and trains. Hydrogen powered drive systems provide considerable advantages through zero CO₂, NO_X and fine dust emission as well as a significantly decreased noise pollution.

BENEFITS

Proven Type 4 technology

- **Modular & flexible** – Flexible, customized, and innovative. Our hydrogen storage system is adapted to individual conditions according to each customer requirements
- **High fatigue strength** – high-strength carbon fiber construction reduces impact, damage and fatigue
- **Lightweight** – we are continuously researching the lightest and safest material combinations, which reduces vehicle mass and enhances handling and drivability
- **Certified & standardized** – to ensure highest quality standards, our manufacturing facilities are certified according to ISO 9001:2008 and IATF 16949:2016
- **Non-corroding** – corrosion- and fatigue-resistant properties of Type 4 tanks lead to high cycle performance.
- **Safety first** – our in-house test capabilities for most relevant requirements (hydraulic, leak, burst testing, bonfire, penetration, permeation etc.) ensure highest safety and quality standards

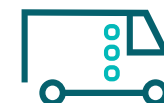
OUR SOLUTION

Fuel storage systems

Hexagon Purus offers highly flexible solutions for various customer requirements. Our hydrogen storage system is adapted to individual conditions in terms of storage amount, pressure level, space and positioning inside or outside the vehicle.



Light-duty vehicles



Light commercial



Medium- and Heavy-duty vehicles



Off-highway vehicle



Bus



Rail



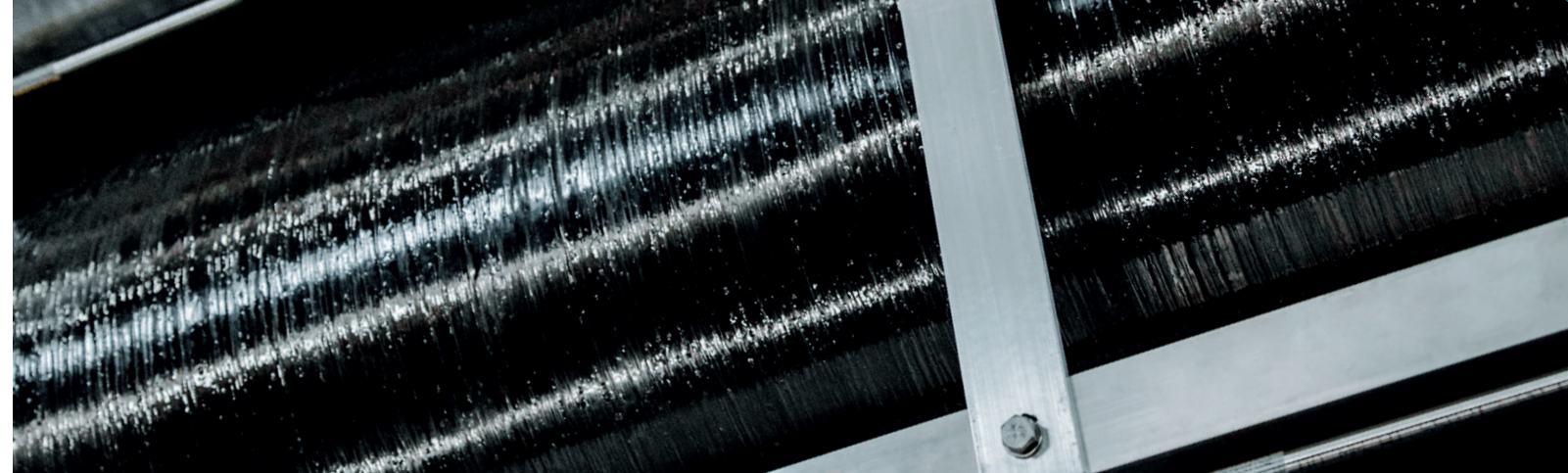
Maritime



Aerospace



Aviation





Hexagon Purus locations

Norway / Germany / Canada / USA / Singapore / China

- | | |
|--|---|
| 1. Hexagon Purus ASA
Korsegata 4B
6002 Ålesund, Norway | 5. Hexagon Purus Masterworks
86 York Street, Suite 4
Taneytown (MD), USA |
| 2. Hexagon Purus GmbH
Otto-Hahn-Straße 5
Kassel, Germany | 6. Hexagon Raufoss
Raufoss Industrial Park, b.306
Raufoss, Norway |
| 3. Hexagon Purus Systems Canada Ltd.
460 Doyle Avenue, #101
Kelowna (BC), Canada | 7. Hexagon Purus Singapore
350 Orchard Road #11-08, Shaw House
Singapore |
| 4. Hexagon Purus Systems USA LLC
3335 Susan Street, Suite 100
Costa Mesa (CA), USA | 8. Hexagon China
DRC Liangmaqiao Diplomatic Office Building
Tower D1, Unit 1201C, 19 Dongfang East Road,
Chaoyang District, 100600 Beijing, P.R. China |